

Docket No.: 06005/39537  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Gary K. Law et al.

Application No.: 10/656,005

Confirmation No.: 8163

Filed: September 5, 2003

Art Unit: 2179

For: STATE MACHINE FUNCTION BLOCK WITH  
A USER MODIFIABLE STATE TRANSITION  
CONFIGURATION DATABASE

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Examiner: S. B. Theriault

**AMENDMENT AFTER FINAL ACTION UNDER 37 C.F.R. 1.116**

MS AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated June 14, 2007, finally rejecting claims 1-79, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 27 of this paper.